

Grade: _____

10

Name: _____

Date: _____

Weekend Word Problem #7: Two-Step Equations

Remember: Weekend Word Problems are worth TWICE a regular homework. You may use a homework pass for a one-day extension, but may not use a homework pass to skip the WWP altogether.

***This problem is graded on EFFORT and COMPLETION, not accuracy.**

The Situation: Chris bought a pair of shoes for fifty dollars and three pairs of socks. He spent a total of sixty-eight dollars. How much did each pair of socks cost?

1. Define a Variable: Choose a variable that represents the cost of one pair of socks.

Let _____ = cost of one pair of socks.

2. Write an Equation: Fill in the values for the equation that represents the situation.

3 _____ + 50 = _____

(Hint: Your first blank is your variable; your second blank is the total cost.)

3. Solve the Equation:

4. Check via Substitution:

TURN PAPER OVER!

5. Writing: How did you solve the equation? Explain and JUSTIFY each step using algebraic terms and specific numbers from your equation.

*If you were unable to solve the equation, please write about what you attempted to do and any struggles you had.

*A minimum of THREE complete sentences is required.
